

Peak District National Park

Forecast valid from 00:00 on Thursday 20 Oct 2022 until 23:59 on Friday 21 Oct 2022

Forecast Issued on Wednesday 19 Oct 2022 at 14:56

Confidence: Medium in details throughout.

Headline for Thursday 20 Oct 2022: Cloudy and overcast with outbreaks of rain and drizzle.

Mountain weather hazards on Thursday 20 Oct 2022

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

High Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Fog	Drizzle	Drizzle	Fog	Fog	Mist	Cloudy	Mist
Precipitation probability							
40%	70%	70%	40%	30%	20%	20%	10%

Forecast for Thursday 20 Oct 2022

Weather: Cloud lowering with occasional rain or drizzle overnight. Cloudy and mostly overcast during daylight hours with outbreaks of rain and drizzle, mostly light, although the odd heavier burst. Misty with fog patches, some clear spells possible late afternoon and evening, but still some low cloud, mist and fog around.

Chance of cloud-free hill tops above 600m: 30%, best chance late afternoon and early evening.

Low cloud and visibility: Extensive cloud, base 100m to 400m, perhaps lifting and breaking for a time late afternoon and evening. Moderate or poor in rain, drizzle and mist and very poor in fog.

Forecast for Thursday 20 Oct 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/29 E	16/23 E	10/14 SE	6/9 SE	4/7 NW	7/9 SW	10/13 SW	11/15 SW	11/16 S
300	18/27 E	12/18 E	7/13 E	4/6 E	3/5 W	5/7 SW	6/9 SW	7/11 S	7/12 S
Valley	17/31 E	13/23 E	9/15 E	4/8 SE	3/5 W	4/6 SW	4/8 SW	4/9 S	4/12 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	9/6	10/8	11/10	11/10	11/9	10/8	9/6	9/6
300	10/7	10/8	11/10	12/12	13/12	13/12	12/11	11/10	11/10
Valley	11/8	11/9	12/10	13/12	13/13	13/13	12/12	11/11	10/10
Freezing Level*	3000m	2600m	2600m	2400m	2300m	2300m	2200m	2100m	2000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Navigational difficulties expected due to extensive low cloud.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 19 Oct 2022	0mm	0.2mm	1mm

Forecast for Friday 21 Oct 2022

Weather: The low cloud thinning and breaking at times overnight. Occasional drier and brighter spells during daylight hours, but mostly rather cloudy with showers.

Maximum wind: Southeast 15 to 20mph gusts 30mph.

Chance of cloud-free hill tops above 600m: 30% becoming 70% by afternoon.

Low cloud and visibility: Occasional or extensive cloud, base 200 to 500m, lifting above the tops by afternoon. Visibility very good falling moderate in rain. Poor or very poor at first at height.

Temperature: **Valleys:** Plus 6 rising to 16 Celsius
At 600m: Plus 6 to 9 Celsius
Freezing level: Above the summits